

IN THE CLAIMS

Amend claim 16 as follows:

16. (Amended) An elevator door system comprising:

- B1*
Sub C1 7
- an elevator car having a front face defining a door opening;
 - at least one elevator door coupled to the front face of the elevator car for movement between an open position exposing the door opening and a closed position covering the door opening;
 - a first sheave and second sheave disposed on the elevator car;
 - a rope forming a closed loop about the first and the second sheaves wherein the door is attached to the rope; and
 - at least one flat drive motor disposed on a front portion of the elevator car and integrated onto one of the sheaves such that the drive motor is drivingly coupled to the rope for moving the elevator door between the open and the closed positions wherein said flat drive motor is a motor assembly comprising a gear drivingly coupled to the sheave for reducing the speed thereof.

REMARKS

This Preliminary Amendment is submitted to correct minor errors in the specification and to further define the subject invention as claimed in claim 16. Applicants submit that no new matter has been added by the present amendment.

Claim 16 has been amended to more particularly claim the drive motor drivingly coupled to the rope, which forms a closed loop around the first and second sheaves and is attached to the door and to claim the gear for reducing the speed of the sheave.

None of the cited prior art or the US 5,852,897 teaches this feature. The reduction gear is necessary to allow the pulley and rollers to be of sufficiently small size to be mounted on the front of the elevator and below the upper edge or ceiling of the car.